Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 07 Aug 2023 until 23:59 on Tuesday 08 Aug 2023

Forecast Issued on Monday 07 Aug 2023 at 02:03

Confidence: Some uncertainty regarding track of low pressure bringing rain further south on Tuesday, and therefore amounts of cloud. Moderate confidence for cloud details Wednesday and Thursday.

Headline for Monday 07 Aug 2023: Largely dry with sunny spells and only isolated showers.

Mountain weather hazards on Monday 07 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain showers	Light rain showers	Sunny intervals	Cloudy	Light rain showers (night)
Precipitation probability					
10%	30%	30%	20%	10%	30%

Forecast for Monday 07 Aug 2023

Weather: Areas of low cloud and patchy valley mist and fog gradually lifting and clearing to leave a mostly dry day, with sunny spells. However, a few light showers are possible from mid-morning through the afternoon. Further showers are possible overnight.

Chance of cloud-free hill tops above 600m: 40% becoming 90%.

Low Cloud and visibility: Patches of mist/fog and low cloud, with bases 300-400m lifting through the morning to clear most summits by early afternoon, although cloud may come and go on the highest tops. Visibility generally good or very good, but reducing to 5-10km in showers and poor to very poor in mist and fog.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 07 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/15 W	14/20 W	16/24 W	17/25 W	15/23 W	13/20 W	11/17 W
300	6/14 NW	8/17 W	14/25 W	13/24 W	11/21 W	8/18 W	6/15 W
Valley	1/4 W	9/18 W	10/21 W	11/23 W	10/20 W	5/14 W	3/10 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	10/7	11/8	11/8	11/8	9/6	9/7
300	11/10	13/12	15/12	14/12	13/11	12/10	11/10
Valley	11/11	14/13	16/14	15/13	14/13	13/12	12/12
Freezing Level*	1900m	1800m	1900m	1900m	2000m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Breezy on exposed summits and ridges, so extra layers advisable, as well as protection for moderate to high UV levels.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 07 Aug 2023	8.6mm	10.2mm	10.8mm

Forecast for Tuesday 08 Aug 2023

Weather: Overnight showers dying out early morning, probably leaving a dry and sunny day. However, extensive low cloud and drizzle to the south of the Dales may shift slightly northwards at times to bring cloud and the odd outbreak of light rain to southern parts.

Maximum wind: Westerly 10-15mph gusting 20mph.

Chance of cloud-free hill tops above 600m: 70%

Low Cloud and visibility: Patchy mist and low cloud may form overnight, quickly clearing during the morning to leave good visibility and cloud bases above the summits. However, if low pressure to the south shifts slightly north, cloud bases 400-500m may affect southern parts of the Dales for a time.

Temperature: **Valleys:** Plus 10 Celsius becoming plus 19 Celsius.
At 600m: Plus 9 Celsius becoming plus 12 Celsius.
Freezing level: Above the summits.

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